

**Dr. Laura Nelson:**

Welcome and introductions.

The State has a new energy website [www.energy.utah.gov](http://www.energy.utah.gov)

**Top Energy Issues:**

1. Energy Efficiency

- State is a big user of energy. In April, the State released an energy efficiency plan with a goal of increasing energy efficiency in the State by twenty percent by 2015. Now in the process of developing baseline study; goal is to have it completed in six months.
- The State recently kicked off the “Powerforward” program to alert citizens when need for energy conservation is greatest. The Governor signed an Executive Order calling on his cabinet to determine how they will respond to these alerts. For more information and to sign up for the alerts, visit the campaign’s website at [powerforward.utah.gov](http://powerforward.utah.gov).

2. Transmission

- Frontier Line feasibility study will be completed in June, 2007. Utilities will be funding, but there will be cost allocation.

3. Oil and Gas Extraction

- Goal is to increase oil and gas output and decrease footprint.

4. Renewables

- Renewable energy is also very important.

5. Oil Shale/Tar Sands

6. Nuclear

**Representative Ralph Becker:**

Energy Policy Taskforce

- Energy Policy Taskforce was originally formed after energy deregulation. It operates under no statutory framework. Taskforce agreed to restart work after last election.
- Successful participation levels, including Representatives Ralph Becker, Roger Barrus, David Ure.
- Taskforce broken down into four groups:
  - Transport/Transmission
  - Energy Efficiency/Conservation
  - State Organization
  - Energy Development
- Taskforce examined State policies and procedures.

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- Working group issued a report which was sent to legislative committees and was adopted last year by the legislature. This work is viewed as a starting point; will reconvene group to look at further recommendations. Everyone is welcome to participate in this process. Process will include prioritizing items for the next legislative session

**Dr. Laura Nelson:**

- The legislature made significant progress. Senator Greg Bell and Representative Ralph Becker did a lot of good work.
- Will provide report in October???

**Representative Ralph Becker:**

- Pleased with what state is doing on energy issues; including energy efficiency.

**County Commissioner McKonkie:**

- Constituents calling county about the high price of gasoline.

**Dr. Laura Nelson:**

- Western Governors' Association did provide inquiry and concerns to congressional representatives. Goal is to let markets work and only get involved when government can facilitate markets.
- Possible alternatives/solutions include biomass and increasing refining capacity.

**Lee Peacock, Utah Petroleum Association President:**

- Included in the cost of gasoline: taxes, transportation, refining, extraction and crude cost. In addition, there are price spikes when refinery capacity is down.
- Why variation in state price: consumers can go to other stations, transportation costs vary by location, some retailers sell below wholesale cost.
- In summer, gasoline blend is also different which can cause an increase in price.
- An increase in environmental regulations, such as the decrease particulate matter standards for diesel, can also drive up prices.

**Laura Nelson:**

- Dr. Laura Nelson and Phil Powlick (with State Energy Program) are putting together educational piece.

**Phil Powlick, State Energy Program:**

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- The gasoline supply in Utah is almost independent from other states. When price was significant lower here than the rest of the county, drivers brought trucks of gas from Utah to nearby states. Even if there is additional gasoline refined here, demand will go up from other states as well.

**Lee Peacock:**

- Refineries are being shut down in Wyoming and moving farther west?
- There will be an increase in black wax production in Vernal soon.

**Jenny Wilson, Salt Lake County Council:**

- Should we modify energy policy to be responsive to consumers?

**Laura Nelson:**

- In the fall we put out information and tips on how consumers can reduce consumption.
- Consumers are addicted to cheap energy. Demand is going up as consumers buy more luxury items.
- Transportation fleets are an important part of energy policy. Valuable to increase public transit rider-ship and get information out to the public on using alternate methods of travel.

**Glade Sowards, Utah Division of Air Quality:**

- Clean Fuels Vehicle Grant and Program, which includes electric, propane and natural gas.
  - Covers up to half the incremental cost of an alternative fuel vehicle's powertrain and fuel system.
- Clean Fuel Vehicle Tax Credit
  - Currently in administrative rules process.
  - Provides a tax credit for up to half the incremental cost of an alternative fuel vehicle's powertrain and fuel system.
- Program has not yet included biofuels, no incentive currently available. Legislature is considering a bill to address this.
- Program can also cover infrastructure for natural gas fueling stations.

**Beverly Miller, Utah Clean Cities:**

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- There are new incentives offered by the federal government and Utah Clean Cities is currently trying to get arms around details.

### **Laura Nelson:**

- An important part of the State's energy efficiency policy will involve local stakeholders. We want to thank local presenters today.

### **Mayor Dana Williams, Park City:**

#### About Park City:

- Year round population of 8,200 (grows to 30,000 in winter).
  - 23 percent Hispanic
  - 40 percent without health insurance
- City had larger population at the turn of the century.
  - Extractive industries poisoned the environment then. City has six Superfund sites.
- \$30 million annual budget.
- City is working to develop affordable housing
  - \$1.1 million is average house value
  - Requirement for affordable housing with new market-rate developments
- Developing year round economy, skiing in winter, music in summer.
- Sustainability program recognizes that community, environment and economy are all linked.
  - Focused on long-range planning and a community based approach.
  - New ice rink built to LEED standards
  - New parking garage will have solar array
- Park City leadership visits other towns to “steal” success ideas
- Environmental Successes
  - \$4 million for arsenic removal
  - Green buildings, changing building codes
  - 10 percent of entire city using wind power
  - Held Wind Week in 2004
  - Goal to educate children on environmental issues
  - Blue Sky – 20 % of power bought from program
  - Six local ranches will conduct anemometer testing
- Biodiesel Program
  - First operated the trolley on biodiesel. Soon the entire bus fleet will be running on B20.
  - Stations will also sell biofuels to public in the near future.
- Park City Transit Center
  - Built on old mill site.
  - Received sustainable development award.

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- Conservation Easements
  - 4,000 acres now
  - May add 3,000 acres for Flaggstaff hotel
  - \$20 million voter bond was used to buy 3,000 acres but now prices are going up
- Major concerns about how Park City can remain sustainable.

### **Lisa Romney, Environmental Advisor to SLC Mayor Rocky Anderson:**

- Salt Lake City Green
  - Five year old program, started with in-depth survey.
  - Found that all things fall into two categories -- air quality or climate change.
  - LED traffic signals save \$55,000 annually.
  - Compact florescent lighting saves \$33,000 a year in City/County building.
  - Office building campaign directed at employees.
  - City is currently the largest single buyer of Blue Sky Energy in State.
- Held community challenge – Twice is Nice.
  - 4 percent participation in Blue Sky Program.
- High performance buildings
  - Executive Order that all city buildings be built to LEED certification.
  - Also working with City Council to pass ordinance.
  - Intermodel hub is first LEED certified project for the City.
- Clean Fuels Vehicles
  - Strived to get workers in the right vehicle.
  - Parking now in smaller vehicles.
  - City has Toyota Prius.
  - CNG Vehicle – will not recover entire extra cost.
  - Honda Civic is the only car made to run on LNG, does not work for all range of uses.
- Bulk buying has decreased the cost of biofuels.

### **Laura Nelson:**

- State has increased budget for fleets purchasing.

### **Jenny Wilson, Salt Lake County Council:**

- County has made effort to get right person in the right vehicle.

### **Beverly Miller, Utah Clean Cities:**

- Airport uses old vehicles for snow removal but now using B20.
  - Also using natural gas fueled dump truck.

**Lisa Romney:**

- City constructing bike lanes and installing bike racks.
- Sidewalks also important to maintain.
- Success of TRAX, ridership over projections.
- Growth and planning.
  - Everyday activities not as important with unchecked growth.
  - Tax structure still encouraging big box stores.
- GoGen Project
  - Fuels half of the energy needed for sewage treatment plant.
- Took what City learned to the community.
  - 40 E2 Businesses, environmentally and economically sustainable.
  - Marking is important to locally-owned businesses.
- Now taking it to environmental strategy to residents.
  - Help people understand impact and reduce consumption.
  - Online calculation of energy uses.
  - Set goals to behave well.
  - Creating community.
  - Social events three times a year.
- Set a goal to meet Kyoto standards, which City has already surpassed.
- Ongoing challenge to keep sustainable while we grow. Now looking for other ideas.

**Mayor Dave Sakrison, Moab:**

- Moab is EPA recognized Green Power Community.
- 2003 was start of Blue Sky Clean Energy involvement.
  - Challenged other Utah cities.
  - 15 percent of Moab's customers.
- Moab hosts first and only wind-powered folk festival.
- 13 years ad Tree City USA City.
- Retrofitted old school for use as City Hall that will be Silver LEED Certified.
- Many local business partners involved with Blue Sky.
  - City has only wind-powered radio station.
- Energy efficiency ordinance passed in 2005.
  - One gas station in Moab will have natural gas and biofuels.
  - Energy audits are conducted on a regular basis.
  - Believe that renewables can successfully be used as economic development tools.

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**Laura Nelson:**

- Renewables can be very helpful for rural economic development.

**Dan Stireman, Murray City Power:**

Murray City Power

- Established in 1913
- Locally controlled and regulated
- 16,000 customers
- 85 percent residential but commercial is 70 percent of use
- 55 megawatts in winter
- 100 megawatts in summer, due to air conditioning
- Opportunity came along for three megawatts of power generated with methane gas produced from waste at the Salt Lake City/County landfill. Landfill Energy Systems, the builder and operator of the generation facility, needed a buyer for the power. Although slightly more expensive than conventional power, a creative pricing structure allowed Murray to the renewable resource into their energy portfolio. Murray is set to begin receiving this power.
- Raw methane as a pollutant is 25 times more damaging as a greenhouse gas than CO<sub>2</sub>.
- By generating power with the landfill methane, most of the landfill generated pollution is literally converted into a valuable, renewable energy source.
- The new system processes gas which is used to fuel combustion energy generation.
- The amount of power produced by the landfill gas is equivalent to the electrical energy needs of about 2,500 homes, or twice the amount of power Murray City uses for all its operations.
- Availability is 95 percent with very steady production, does drop slightly in the winter.
- Murray City Power has also replaced all of its fleet sedans with the Toyota Prius hybrid.

**Laura Nelson:**

- Important to share ideas on what is being done around the state.

**Tim Wagner, Sierra Club:**

- Is the cost to Murray resident for the methane derived power is only \$0.45 additional per year?

**Dan Stireman, Murray City Power:**

- Rate changes over contract, but this will not cause them to raise rates.

**Ron Daniels, Office of the Governor:**

- To any of the City representatives: Have you run into problems with planners?

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**Lisa Romney:**

- During the planning process, it is tough to catch all of the little things.

**Dana Williams:**

- Park City is dependant on ecotourism. Economy completely reliant on natural environment.

**Dave Sakrison:**

- It is the right thing to do to buy green power.

**Laura Nelson:**

- Need to look to the future. Spoke with MidAmerican about what is most important over the long term. Is lowest cost the most important?
- Please send relevant information and links for posting on [energy.utah.gov](http://energy.utah.gov).
- Next meeting will be in September. Possible topics include natural gas and air quality issues, grant to look at emissions inventory, looking to support markets and avoid command and control.
- Following this, maybe a meeting on ideas for legislative action in November.

**Dana Williams:**

- Suggestion for debate on renewable energy mandates at future meeting.